

We claim

1. A camera for creating a manipulated image comprising:
 - (a) an image capture device adapted to capture a captured image;
 - 5 (b) an input device adapted to receive an input image;
 - (c) an image manipulator adapted to receive the input image from the input device and to manipulate the input image to form a manipulated image;
 - (d) an output device adapted to receive the manipulated image from the image manipulator and to output the manipulated image; and
 - 10 (e) a display device adapted to receive the manipulated image from the image manipulator and to display the manipulated image.
2. The camera of claim 1 wherein the image manipulator is adapted to manipulate the input image by combining at least part of the input image with at least part of the captured image to form the manipulated image.
- 15 3. The camera of claim 1 wherein the input device comprises one or more of the following:
 - (a) a USB port;
 - 20 (b) a serial port; and
 - (c) an electromagnetic signal receiver adapted to receive one or more of radio, optical, infra-red and Bluetooth signals.
4. The camera of claim 1 wherein the output device comprises one or more of the following:
 - (a) a USB port;
 - (b) a serial port; and
 - (c) an electromagnetic signal transmitter adapted to transmit one or more of radio, optical, infra-red and Bluetooth signals.

5. The camera of claim 1 wherein the display device comprises a printer device built into the camera.

6. The camera of claim 1 wherein the printer device comprises a page-width inkjet-type
5 printhead.

7. The camera of claim 1 further comprising an instruction reader adapted to read at least one image manipulation instruction disposed in or on a manipulation instruction printed medium, the instruction reader being adapted to provide the at least one image manipulation instruction to the image manipulator and the image manipulator being adapted to manipulate the input image to form the manipulated image in response to receiving the at least one image manipulation instruction.
10

8. The camera of claim 1 wherein the instruction reader is further adapted to read the at least one image manipulation instruction disposed in or on the manipulation instruction printed medium in encoded form.
15

9. A camera system for creating a manipulated image comprising:

(a) a primary camera comprising:

20 (i) a primary image capture device adapted to capture a primary captured image;
(ii) a primary image manipulator adapted to manipulate the primary captured image to form a primary manipulated image;
(iii) a primary image provider adapted to receive the primary manipulated image from the primary image manipulator and to provide the primary manipulated image to a secondary camera; and
25

(b) a secondary camera comprising:

30 (i) a secondary image capture device adapted to capture a secondary captured image;
(ii) an image receiver adapted to receive the primary manipulated image from the primary camera; and

- (iii) a secondary image manipulator adapted to receive the primary manipulated image from the image receiver and to manipulate the primary manipulated image to form a secondary manipulated image.

5 10. The camera system of claim 9 wherein the secondary camera further comprises a secondary image provider adapted to receive the secondary manipulated image from the secondary image manipulator and to provide the secondary manipulated image to a further camera.

10 11. The camera system of claim 10 wherein the secondary image provider comprises one or more of the following:

- (a) a USB port;
- (b) a serial port; and
- (c) an electromagnetic signal transmitter adapted to transmit one or more of radio, optical, infra-red and Bluetooth signals.

15 12. The camera system of claim 9 wherein the primary image provider comprises one or more of the following:

- (a) a USB port;
- (b) a serial port; and
- (c) an electromagnetic signal transmitter adapted to transmit one or more of radio, optical, infra-red and Bluetooth signals.

20 13. The camera system of claim 9 wherein the image receiver of the secondary camera comprises one or more of the following:

- (a) a USB port;
- (b) a serial port; and
- (c) an electromagnetic signal receiver adapted to transmit one or more of radio, optical, infra-red and Bluetooth signals.

14. The camera system of claim 9 wherein the secondary image manipulator is adapted to manipulate the primary manipulated image by combining at least part of the secondary captured image with at least part of the primary manipulated image to form the secondary manipulated image.

5

15. The camera system of claim 9 wherein the secondary camera further comprises a printer device built into the secondary camera.

16. The camera system of claim 15 wherein the printer device comprises a page-width inkjet-type printhead.

17. The camera system of claim 9 wherein the primary camera further comprises a primary instruction reader adapted to read at least one primary image manipulation instruction disposed in or on a primary manipulation instruction printed medium, the primary instruction reader being adapted to provide the at least one primary image manipulation instruction to the primary image manipulator, the primary image manipulator being adapted to manipulate the primary captured image to form the primary manipulated image in response to receiving the at least one primary image manipulation instruction.

18. The camera system of claim 17 wherein the primary instruction reader is further adapted to read the at least one primary image manipulation instruction disposed in or on the primary manipulation instruction printed medium in encoded form.

19. The camera system of claim 9 wherein the secondary camera further comprises a secondary instruction reader adapted to read at least one secondary image manipulation instruction disposed in or on a secondary manipulation instruction printed medium, the secondary instruction reader being adapted to provide the at least one secondary image manipulation instruction to the secondary image manipulator, the secondary image manipulator being adapted to manipulate the primary manipulated image to form the secondary manipulated image in response to receiving the at least one secondary image manipulation instruction.

20. The camera system of claim 19 wherein the secondary instruction reader is further adapted to read the at least one secondary image manipulation instruction disposed in or on the secondary manipulation instruction printed medium in encoded form.

5

21. A method for forming a manipulated image using a primary camera and a secondary camera, the primary camera comprising a primary image capture device, a primary image manipulator and a primary image provider, the secondary camera comprising a secondary image capture device, a secondary image receiver and a secondary image manipulator,

10 the method comprising the steps of, in the primary camera:

- (a) capturing a primary captured image using the primary image capture device;
- (b) manipulating the primary captured image using the primary image manipulator to form a primary manipulated image; and
- (c) providing the primary manipulated image to a secondary camera via the primary image provider,

15 and, in the secondary camera:

- (d) receiving the primary manipulated image from the primary camera via the secondary image receiver; and
- (e) manipulating the primary manipulated image using the secondary image manipulator to form a secondary manipulated image.

22. The method of claim 21 wherein the secondary camera further comprises a secondary image provider and wherein the method further comprises the step of, in the secondary camera, providing the secondary manipulated image to a further camera via the secondary image provider.

25
23. The method of claim 22 wherein the step of providing the secondary manipulated image to a further camera via the secondary image provider comprises providing the secondary manipulated image to a further camera via one or more of the following:

- 30 (a) a USB port;
- (b) a serial port; and

- (c) an electromagnetic signal transmitter adapted to transmit one or more of radio, optical, infra-red and Bluetooth signals.
24. The method of claim 21 wherein the step of providing the primary manipulated image to a secondary camera via the primary image provider comprises providing the primary manipulated image to a secondary camera via one or more of the following:
- (a) a USB port;
 - (b) a serial port; and
 - (c) an electromagnetic signal transmitter adapted to transmit one or more of radio, optical, infra-red and Bluetooth signals.
25. The method of claim 21 wherein the step of receiving the primary manipulated image from the primary camera via the secondary image receiver comprises receiving the primary manipulated image from the primary camera via one or more of the following:
- (a) a USB port;
 - (b) a serial port; and
 - (c) an electromagnetic signal receiver adapted to receive one or more of radio, optical, infra-red and Bluetooth signals.
26. The method of claim 21 further comprising the step of, in the secondary camera: capturing a secondary captured image using the secondary image capture device, and wherein the step of manipulating the primary manipulated image using the secondary image manipulator to form the secondary manipulated image comprises: manipulating, using the secondary image manipulator, the primary manipulated image by combining at least part of the secondary captured image with at least part of the primary manipulated image to form the secondary manipulated image.
27. The method of claim 21 wherein the secondary camera further comprises a printer device built in to the secondary camera, and wherein the step of manipulating the primary manipulated image using the secondary image manipulator to form a secondary manipulated

image is followed by the step of printing the secondary manipulated image using the printer device.

28. The method of claim 21 wherein the step of printing the secondary manipulated image
5 using the printer device comprises printing the secondary manipulated image using a page-width inkjet-type printhead.

29. The method of claim 21 wherein the primary camera further comprises a primary instruction reader adapted to read at least one primary image manipulation instruction disposed
10 in or on a primary manipulation instruction printed medium,

and wherein the step of, in the primary camera:

manipulating the primary captured image using the primary image manipulator to form the primary manipulated image

comprises the steps of:

- 15 (i) reading, using the primary instruction reader, the at least one primary image manipulation instruction disposed in or on the primary manipulation instruction printed medium;
- (ii) providing the at least one primary image manipulation instruction to the primary image manipulator; and
- 20 (iii) manipulating the primary captured image, using the primary image manipulator and in accordance with the at least one primary image manipulation instruction, to form the primary manipulated image.

30. The method of claim 29 wherein the step of:

25 reading, using the primary instruction reader, the at least one primary image manipulation instruction disposed in or on the primary manipulation instruction printed medium

comprises reading, using the primary instruction reader, the at least one primary image manipulation instruction disposed in or on the primary manipulation instruction printed
30 medium in encoded form.

31. The method of claim 21 wherein the secondary camera further comprises a secondary instruction reader adapted to read at least one secondary image manipulation instruction disposed in or on a secondary manipulation instruction printed medium,

and wherein the step of, in the secondary camera:

5 manipulating the primary manipulated image using the secondary image manipulator to form the secondary manipulated image

comprises the steps of:

(i) reading, using the the secondary instruction reader, the at least one secondary image manipulation instruction disposed in or on the secondary manipulation instruction printed

10 medium;

(ii) providing the at least one secondary image manipulation instruction to the secondary image manipulator; and

(iii) manipulating the primary manipulated image, using the secondary image manipulator and in accordance with the at least one secondary image manipulation instruction, to form the 15 secondary manipulated image.

32. The method of claim 31 wherein the step of:

reading, using the secondary instruction reader, the at least one secondary image manipulation instruction disposed in or on the secondary manipulation instruction printed

20 medium

comprises reading, using the secondary instruction reader, the at least one secondary image manipulation instruction disposed in or on the secondary manipulation instruction printed medium in encoded form.

25 33. A manipulated image formed using the camera as claimed in claim 1.

34. The manipulated image of claim 33 comprising a printed manipulated image.

35. A secondary manipulated image formed using the camera system as claimed in claim 9.

30

36. The secondary manipulated image of claim 35 comprising a printed secondary manipulated image.

37. A secondary manipulated image formed by the method as claimed in claim 21.

5

38. The secondary manipulated image of claim 37 comprising a printed secondary manipulated image.